

Cable design

Center conductor	silver-plated flexible copper wire
Dielectric	ePTFE wrapped
Shield	silver-plated tape
	silver-plated copper
Innerjacket	FEP
Reinforcement	Kapton® tape
Jacket	Polyurethane
Out-side diameter	Ø 12,0 mm
Weight	0,230 kg/m

Electrical data

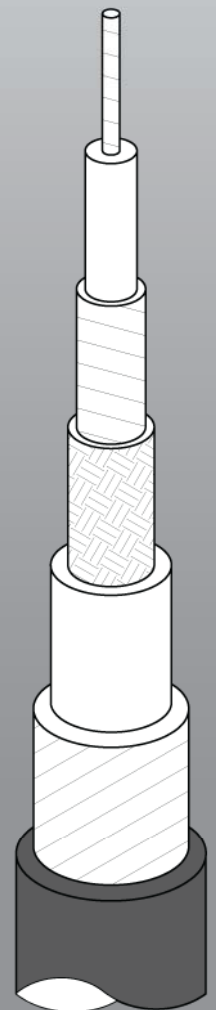
Impedance	50 ohms
Capacitance	80 pF/m
Frequency range	DC – 12 GHz.
V.S.W.R.	<1,3
Insertion loss	see graph
Velocity of propagation	84 %
Shielding effectiveness	< -100 dB/m typical

Mechanical and environmental data

Temperature range	-65 to +100°C
Salt spray	96 hours
Bending radius	80 mm (static) 120 mm (dynamic)
Flex life	>15.000.

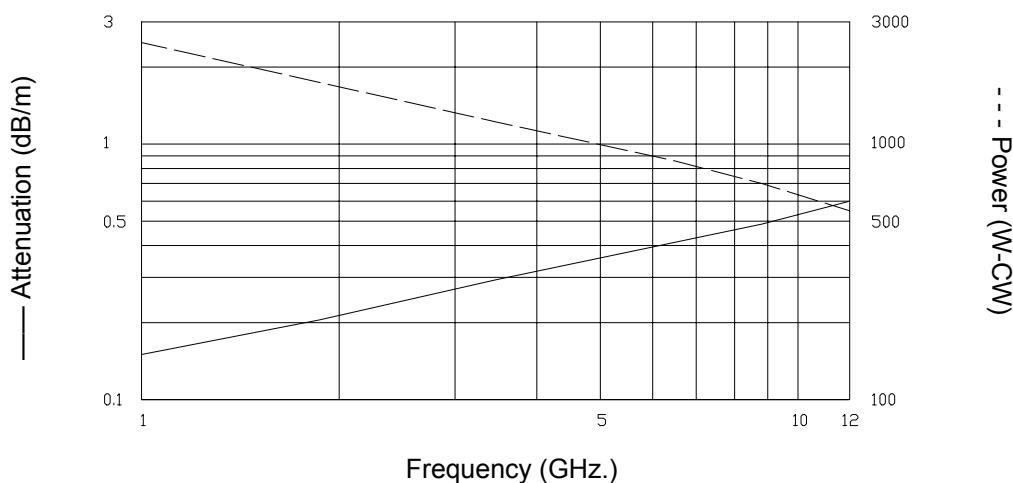
Field ultra low loss
coaxial cable

A 120 P



DC – 12 GHz

Attenuation Power



Please consult us for the required connectors.
We can supply cable harnesses made to your requirements.
Also available: High Dynamic Coaxial Cable.

Gigalink Microwave
Connection Engineering B.V.

Albert Plesmanweg 35 E
3088 GA Rotterdam
The Netherlands

Tel: + 31 (0) 10 789 11 22
Fax: +31 (0) 10 789 11 44
E-mail: info@gigalink-mce.com